

Evangelos Lamprou

w: vagos.lamprou.xyz ◊ ☎: (+1) (401) 712-8242 ◊ ✉: vagos@lamprou.xyz ◊ 📺: [@vagos](https://www.linkedin.com/in/vagos)

Education	Ph.D. in Computer Science Brown University Advisor: Prof. Nikos Vasilakis	Aug. 2025–now
	Diploma in Electrical and Computer Engineering University of Patras Advisor: Prof. Christos Fidas	Oct. 2018–July 2023
Experience	Software Engineer Demant A/S <ul style="list-style-type: none">Developed a clang-query-based static analysis tool for discovering ignored error codes.Discovered and fixed 100+ bugs, including a major defect in the company's charger firmware.Implemented error handling framework within driver and kernel code (600k+ loc).	Sept. 2023–Aug. 2024 Copenhagen CR, Denmark
	Software Engineer (Erasmus+ Placement) Bionos Biotech S.L <ul style="list-style-type: none">Developed a data pipeline to extract and group animal and plant species based on metabolic profiles towards cosmetic applications using Python, Selenium, and Bash.Automated gene expression analysis by building two tools in R and Python, replacing the lab researcher's manual processing workflows.	June 2022–Aug. 2022 Valencia, Spain
Publications	Peer-reviewed Publications <ol style="list-style-type: none">C1. The Koala Benchmarks for the Shell: Characterization and Implications. Evangelos Lamprou, Ethan Williams, Georgios Kaoukis, Zhuoxuan Zhang, Michael Greenberg, Konstantinos Kallas, Lukas Lazarek, Nikos Vasilakis. <i>USENIX ATC '25</i>. 2025. [code]C2. Investigating Applicability Heuristics of Answer Set Programming in Game Development: Use Cases and Empirical Study. Evangelos Lamprou, Christos Fidas. <i>ACM CHI Greece '23</i>. 2023. [code]C3. Guarding LLM-aided Software Transformation Tasks via Component Exoskeletons. Evangelos Lamprou, Christian Gram Kalhauge, Martin C. Rinard, Nikos Vasilakis. <i>PACMI '25</i>. 2025C4. From Ahead-of- to Just-in-Time and Back Again: Static Analysis for Unix Shell Programs. Lukas Lazarek, Seong-Heon Jung, Evangelos Lamprou, Zekai Li, Anirudh Narsipur, Eric Zhao, Michael Greenberg, Konstantinos Kallas, Konstantinos Mamouras, Nikos Vasilakis. <i>ACM HotOS '25</i>. 2025. [press1] [press2]	
	Preprints <ol style="list-style-type: none">P1. Caruca: Effective and Efficient Specification Mining for Opaque Software Components. Evangelos Lamprou, Seong-Heon Jung, Mayank Keoliya, Lukas Lazarek, Konstantinos Kallas, Michael Greenberg, Nikos Vasilakis. <i>arXiv 2510.14279</i>. 2025P2. Lexo: Eliminating Stealthy Supply-Chain Attacks via LLM-Assisted Program Regeneration. Evangelos Lamprou, Julian Dai, Grigorios Ntousakis, Martin C. Rinard, Nikos Vasilakis. <i>arXiv 2510.14522</i>. 2025P3. Controlling Component Side Effects with ef. Tianyu (Ezri) Zhu, Di Jin, Grigorios Ntousakis, Georgios Liargkovas, Evangelos Lamprou, Calvin Eng, Konstantinos Kallas, Michael Greenberg, Nikos Vasilakis. <i>In preparation</i>. 2025. [code]	

Service	Organizer Brown Systems Week	Oct. 2025–Present Providence, RI
	Web & publication co-chair 18th European Workshop on Systems Security (EuroSec 2025)	March 2025
	Web & publication co-chair 17th European Workshop on Systems Security (EuroSec 2024)	April 2024
Honors & Awards	USENIX ATC'25 Best Paper Award	July 2025
	Urbit Assembly Hackathon Honorable Mention	Nov. 2023
	Huawei “Seeds for the Future” Scholarship Awarded for contribution to the University of Patras ECE department.	June 2023
	NAM Lab IoT Hackathon, 1st Place Participated solo in NAM Lab's first IoT Hackathon.	May 2023
	IEEE Xtreme 16.0 Competition Placed globally at the top 4% among 6373 teams. Team name: “notWizards”.	Oct. 2022
	Student/Travel Grants: ACM SOSP'25, USENIX ATC'25	2025–2026
Teaching	Teaching Assistant Brown University <i>Systems Transforming Systems</i> (CS2952R) (Graduate level, 25 students) Instructor: Prof. Nikos Vasilakis <ul style="list-style-type: none"> • Mentored three students (two undergraduates, one graduate) on a semester-long research project (to be submitted at OSDI'26). • Gave lectures on advanced benchmarking methodologies, application of large language models on academic writing, and software artifact preparation. Teaching Assistant University of Patras <i>Operating Systems</i> (ECE CK702) (MSc level, 141 students), Instructor: Prof. Christos Fidas <ul style="list-style-type: none"> • Created assignments on developing <i>Linux Kernel Modules</i> and experimenting with the <i>xv6 Kernel</i>. Exercises have been integrated into the course's curriculum. [material] 	Sept. 2024–Dec. 2024 Providence, RI, USA Sept. 2022–Oct. 2023 Patras, Greece

Last updated: December 29, 2025